

**DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled HIGH THROUGHPUT DNA SEQUENCING VECTOR; the specification of which was filed on April 10, 1998 as Application Serial No. 09/058,746.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

POWER OF ATTORNEY: I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Ilya Chumakov

Inventor's signature Ily

Date June, 23, 1998

Residence: Vaulx-le-Penil, France

Citizenship: French

Post Office Address: 196 rue des Chevrefeuilles, 77000 Vaulx-le-Penil, France

Je soussigné M<sup>°</sup> Jérôme CAURO  
Notaire à Paris  
Certifie matériellement  
la signature de  
Monsieur Ilya CHUMAKOV  
Apposée sur le présent document



Full name of second inventor: **Hiroaki Tanaka**

Inventor's signature H. Tanaka

Date June 23 1998

Residence: **Antony, France**

Citizenship: French

Post Office Address: **8 avenue de la Providence, 92160 Antony, France**

Je soussigné M<sup>me</sup> **Jérôme CAURO**  
Notaire à Paris  
Certifie matériellement  
la signature de  
**Madame Hiroaki TANAKA**

Apposée sur le présent document

Send Correspondence To:  
**KNOBBE, MARTENS, OLSON & BEAR, LLP**  
**Customer No. 20,995**

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Chumakov, et al.	)
			)
App. No.	:	09/058,746	)
			)
Filed	:	April 10, 1998	)
			)
For	:	HIGH THROUGHPUT DNA	)
		SEQUENCING VECTOR	)
			)
Examiner	:	Unknown	)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and

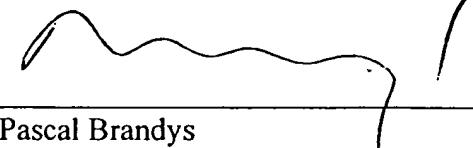
App. No. : 6,746  
Filed : April 10, 1998

Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

GENSET

Dated: June 25, 1998

By:   
Pascal Brandys

Title: President and Chief Executive Officer

Address: 24, rue Royale  
75008 Paris, France

Je soussigné M<sup>me</sup> Jérôme CAURO  
Notaire à Paris  
Certifie matériellement  
la signature de  
Monsieur P. BRANDYS

Apposée sur le présent document

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SEPTEMBER 25, 1998

PTAS

KNOBBE, MARTENS, OLSON & BEAR, LLP  
DANIEL HART  
SIXTEENTH FLOOR  
620 NEWPORT CENTER DRIVE  
NEWPORT BEACH, CA 92660



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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION  
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ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/13/1998

REEL/FRAME: 9311/0460  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
CHUMAKOV, ILYA

DOC DATE: 06/23/1998

ASSIGNOR:  
TANAKA, HIROAKI

DOC DATE: 06/23/1998

ASSIGNEE:  
GENSET  
24, RUE ROYALE  
PARIS, FRANCE 75008

SERIAL NUMBER: 09058746  
PATENT NUMBER:

FILING DATE: 04/10/1998  
ISSUE DATE:

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## ASSIGNMENT

WHEREAS, We, Ilya Chumakov, a French citizen, residing at 196 rue des Chevrefeuilles, 77000 Vaulx-le-Penil, France, and Hiroaki Tanaka, a French citizen, residing at 8 avenue de la Providence, 92160 Antony, France, have invented certain new and useful improvements in a HIGH THROUGHPUT DNA SEQUENCING VECTOR for which we have filed an application for Letters Patent in the United States, Application No. 09/058,746, filed on April 10, 1998;

AND WHEREAS, GENSET (hereinafter "ASSIGNEE"), a France Corporation, with its principal place of business at 24, rue Royale, 75008 Paris, France, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

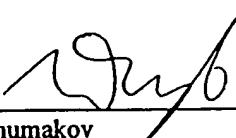
Signed this 23 day of June, 1998.

Je soussigné M<sup>°</sup> Jérôme CAURO  
Notaire à Paris

Certifie matériellement  
la signature de

Monsieur Ilya CHUMAKOV

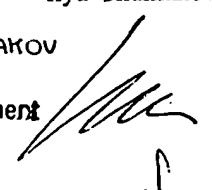
Ilya Chumakov

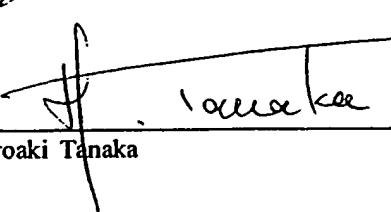


Attested by:

Apposée sur le présent document

Signed this 23 day of June, 1998



  
Hiroaki Tanaka

Je soussigné M<sup>°</sup> Jérôme CAURO

Notaire à Paris

Certifie matériellement

la signature de

Madame Hiroaki TANAKA

Apposée sur le présent document